

**ZFN2B Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5304a****Specification**

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**ZFN2B Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q8WV99](#)  
Other Accession [NP\\_620157.1](#)

**ZFN2B Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 130617

**Other Names**

AN1-type zinc finger protein 2B, Arsenite-inducible RNA-associated protein-like protein, AIRAP-like protein, ZFAND2B, AIRAPL

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ZFN2B Antibody (N-term) Blocking peptide - Protein Information**

**Name** ZFAND2B ([HGNC:25206](#))

**Function**

Plays a role in protein homeostasis by regulating both the translocation and the ubiquitin-mediated proteasomal degradation of nascent proteins at the endoplasmic reticulum. It is involved in the regulation of signal-mediated translocation of proteins into the endoplasmic reticulum. It also plays a role in the ubiquitin-mediated proteasomal degradation of proteins for which signal-mediated translocation to the endoplasmic reticulum has failed. May therefore function in the endoplasmic reticulum stress-induced pre-emptive quality control, a mechanism that selectively attenuates the translocation of newly synthesized proteins into the endoplasmic reticulum and reroutes them to the cytosol for proteasomal degradation (By similarity). By controlling the steady-state expression of the IGF1R receptor, indirectly regulates the insulin-like growth factor receptor signaling pathway (PubMed:<a href="http://www.uniprot.org/citations/26692333" target="\_blank">26692333</a>).

**Cellular Location**

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q91X58}; Lipid-anchor {ECO:0000250|UniProtKB:Q91X58}

**ZFN2B Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**ZFN2B Antibody (N-term) Blocking peptide - Images****ZFN2B Antibody (N-term) Blocking peptide - References**

Hassan, W.M., et al. Hum. Mol. Genet. 18(15):2739-2747(2009) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Yun, C., et al. Proc. Natl. Acad. Sci. U.S.A. 105(19):7094-7099(2008)